

# PATENT ABSTRACTS OF JAPAN

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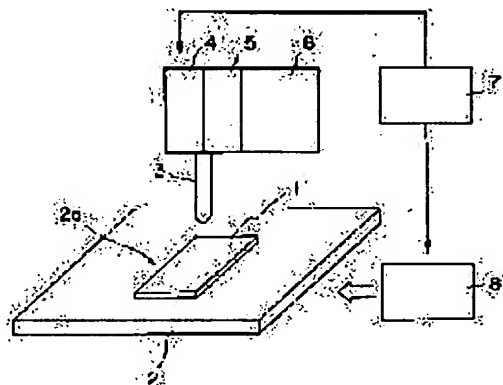
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## (54) AUTOMATIC AMENDING METHOD FOR LIQUID CRYSTAL DISPLAY PANEL

### (57)Abstract:

**PURPOSE:** To accurately carry out the alignment of a defective part for preventing a miss in restoration by correcting deviation in the position of a XY stage and the deviation of an optical axis for irradiating light energy through the execution of a fixed process.

**CONSTITUTION:** A liquid crystal panel 1 having a defect discovered in a panel inspection process is set in the panel fixing part 2a of a XY stage 2. Next, the liquid crystal panels 1 are controlled so that their alignment marks may be located below a magnifying lens 3 in order for making them in parallel to one another. The outer peripheral pattern of a dummy pattern is then read through the magnifying lens 3, and a pattern matching is carried out with a reference pattern registered in a pattern recognizing device 6. In the case of the existence of a deviation, the XY stage 2 is moved for carrying out the accurate alignment. Next, laser light is irradiated to the dummy pattern of the panel 1. The pattern matching is made between this irradiation mark and that registered in the pattern recognizing device 6, and in the case of the existence of the deviation, the accurate alignment is carried out.



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